

## Claims

What is claimed is:

- 1 1. An arrangement comprising:
  - 2 an input to receive DTMF tones;
  - 3 logic to convert the DTMF tones to SMPP protocol; and
  - 4 an output to provide the SMPP protocol.
- 1 2. The arrangement of claim 1 further comprising:
  - 2 a Short Message Service Center to receive the SMPP protocol and to form a
  - 3 Short Message Service (SMS) message.
- 1 3. The arrangement of claim 2 further comprising:
  - 2 a switching network element to receive the SMS message and to route the
  - 3 SMS message to a paging device.
- 1 4. A method comprising:
  - 2 receiving DTMF tones;
  - 3 converting the DTMF tones to SMPP protocol; and
  - 4 providing the SMPP protocol to a Short Message Service Center.
- 1 5. The method of claim 4 further comprising:
  - 2 receiving the DTMF tones from a Public Switched Telephone Network.
- 1 6. The method of claim 5 further comprising:
  - 2 forming a Short Message Service (SMS) message from the SMPP protocol.
- 1 7. The method of claim 6 further comprising:
  - 2 communicating the SMS message to a paging device.
- 1 8. A method comprising:
  - 2 a first paging device providing paging information as DTMF tones;
  - 3 a first network element converting the DTMF tones to SMPP protocol;

4 a second network element converting the SMPP protocol to an SMS message  
5 comprising the paging information; and  
6 providing the SMS message to a second paging device.

1 9. The method of claim 8 further comprising:  
2 the first paging device providing the DTMF tones to a Public Switched  
3 Telephone Network (PSTN); and  
4 the PSTN communicating the DTMF tones to the network element to convert  
5 to SMPP protocol.

1 10. The method of claim 8 further comprising:  
2 the first paging device providing the DTMF tones to one of a Voice Mail  
3 System (VMS) and a Private Branch Exchange (PBX); and  
4 the one of VMS and PBX communicating the DTMF tones to the network  
5 element to convert to SMPP protocol.